

Title (en)
PROCESS FOR THE PREPARATION OF STYRENE SUSPENSION POLYMERS

Publication
EP 0068298 B1 19850605 (DE)

Application
EP 82105257 A 19820616

Priority
DE 3125446 A 19810627

Abstract (en)
[origin: ES8305787A1] A process for the preparation of styrene homopolymers or copolymers by suspension polymerization of monomers which contain dissolved styrene polymers from a preceding suspension polymerization, in the presence of sparingly soluble metal phosphates as suspension stabilizers, wherein, before the polymerization is started, the monomer phase is dispersed in an aqueous phase, containing a dissolved mineral acid, preferably phosphoric acid, at from 10 DEG to 80 DEG C. for from 5 to 120 minutes, after which the sparingly soluble metal phosphate is formed in situ in the aqueous phase. The process is particularly suitable for the preparation of expandable styrene polymers, in which case a volatile blowing agent is added to the suspension before, during or after polymerization.

IPC 1-7
C08F 12/08; **C08F 2/18**

IPC 8 full level
C08F 2/00 (2006.01); **C08F 2/18** (2006.01); **C08F 12/08** (2006.01); **C08J 9/20** (2006.01)

CPC (source: EP US)
C08F 12/08 (2013.01 - EP US); **C08J 9/20** (2013.01 - EP US); **C08J 2325/04** (2013.01 - EP US)

Cited by
EP0711800A1; US5596045A; WO9300374A1

Designated contracting state (EPC)
BE DE FR GB IT NL

DOCDB simple family (publication)
EP 0068298 A1 19830105; **EP 0068298 B1 19850605**; DE 3125446 A1 19830120; DE 3264023 D1 19850711; ES 513466 A0 19830416; ES 8305787 A1 19830416; JP S587407 A 19830117; US 4433108 A 19840221

DOCDB simple family (application)
EP 82105257 A 19820616; DE 3125446 A 19810627; DE 3264023 T 19820616; ES 513466 A 19820625; JP 10860782 A 19820625; US 38527182 A 19820604